

FEB 15 2005

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

## Complete If Known

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

8

Application Number	10/639,678
Filing Date	August 13, 2003
First Named Inventor	Leo E. Hakka et al.
Art Unit	1754
Examiner Name	N/A
Attorney Docket Number	10539-12/PMdC

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
TV	1	US- 5,019,381	May 28, 1991	Hakka, Leo E	
TV	2	US- 5,262,139	Nov. 18, 1993	Hakka et al	
TV	3	US- 5,017,350	May 21, 1991	Hakka et al	
TV	4	US- 4,208,387	June 17, 1980	Conrad, John R. et al	
TV	5	US- 5,607,594	March 4, 1997	Pohl et al	
TV	6	US- 5,292,407	March 8, 1994	Roy et al	
TV	7	US- 5,993,608	Nov. 30, 1999	Abry et al	
TV	8	US- 5,393,505	Feb. 28, 1995	Audeh	
TV	9	US- 3,848,057	Nov. 12, 1974	Leder et al	
TV	10	US- 4,080,423	March 21, 1978	Smith et al	
TV	11	US- 4,153,874	May 8, 1979	Verloop et al	
TV	12	US- 4,618,481	Oct. 21, 1986	Heinzelmann et al	
TV	13	US- 4,961,873	Oct. 9, 1990	Ho et al	
TV	14	US- 2,722,500	Nov. 1, 1955	Ripple et al	
		US-			
		US-			

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
TV	1	EP 0 548 543 A	June 30, 1993	Union Carbide Chem Plastic		
TV	2	CA 2,246,474	March 3, 2000	Hakka et al		
TV	3	EP 0 134 948	March 27, 1985	Union Carbide Corporation		

Examiner Signature

/Timothy Vanoy/

Date Considered

05/08/2006

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.